

# **Exhibit B**

## **Curriculum Vitae for Candidates to the AAPC**

**Dr. Jason Brandt**

## CURRICULUM VITAE

### JASON BRANDT, Ph.D.

Department of Psychiatry & Behavioral Sciences  
The Johns Hopkins University School of Medicine  
600 N. Wolfe Street, Meyer 218  
Baltimore, Maryland 21287-7218  
(410) 955-2619  
fax: (410) 955-0504  
e-mail: jbrandt@jhmi.edu

#### DATE & PLACE OF BIRTH:

February 1, 1954; Brooklyn, New York

#### EDUCATION:

1971-1975	Brooklyn College, B.A., <i>magna cum laude</i> , in Psychology
1975-1977	Boston University, M.A. in Psychology
1977-1981	Boston University, Ph.D. in Experimental Psychology

#### CURRENT POSITIONS:

06/95 - Present	Professor of Psychiatry & Behavioral Sciences, The Johns Hopkins University School of Medicine
11/87 - Present	Director, Division of Medical Psychology, Department of Psychiatry & Behavioral Sciences, The Johns Hopkins University School of Medicine  Director, Cortical Function Laboratory, The Johns Hopkins Hospital
05/06 - Present	Professor of Neurology (secondary appointment), The Johns Hopkins University School of Medicine
09/09 - Present	Joint Appointment, Department of Mental Health, Johns Hopkins Bloomberg School of Public Health
08/83 - Present	Affiliate Staff, The Johns Hopkins Hospital

#### PROFESSIONAL EXPERIENCE:

06/10 - 07/15	Director, The Copper Ridge Institute
06/05 - 06/10	Research Director, The Copper Ridge Institute
11/87 - 06/95	Associate Professor of Psychiatry & Behavioral Sciences, The Johns Hopkins University School of Medicine
07/83 - 6/91	Joint Appointment, Department of Psychology, The Johns Hopkins University
11/85 - 06/89	Clinical Assistant Professor, Department of Pediatrics, University of Maryland School of Medicine
07/85 - 11/87	Assistant Professor, Department of Psychiatry & Behavioral Sciences, The Johns Hopkins University School of Medicine

07/81 - 06/85	Assistant Professor, Department of Psychology, The Johns Hopkins University Joint Appointment, Department of Psychiatry & Behavioral Sciences, The Johns Hopkins University School of Medicine
10/82 - 09/84	Research Psychologist, Baltimore V.A. Medical Center
12/81 - 12/84	Guest Worker, Laboratory of Psychology and Psychopathology, National Institute of Mental Health
02/80 - 08/81	Trainee in Neuropsychology, Department of Biobehavioral Sciences, Boston University School of Medicine
01/80 - 08/81	Lecturer in Psychology, University College, Northeastern University
05/79 - 04/81	Staff Psychologist, Boston Neuropsychology Consultation Service, Division of Psychological Services Institute
09/77 - 02/80	Research Assistant in Neuropsychology, Boston V.A. Medical Center and Department of Neurology, Boston University School of Medicine
09/75 - 05/80	Teaching Fellow to Advanced Teaching Fellow in Psychology, College of Liberal Arts, Boston University

**AWARDS & HONORS:**

1971 - 1975	New York State Regents Scholarship
1974 - 1975	Dean's Honor List, Brooklyn College Graduated with Special Honors in Psychology
1975	Sigma Xi Award for Excellence in Research, Brooklyn College Chapter
1980 - 1982	NIMH National Research Service Award #F31MH08148, Pre-Doctoral Fellowship
1989	Article chosen for special issue of <i>Journal of the American Medical Association</i> commemorating the centennial of the Johns Hopkins Hospital
1991	Elected Fellow, American Psychological Association
1991	NAN Research Award, National Academy of Neuropsychology
1996	Arthur Benton Award, for mid-career achievement, International Neuropsychological Society
1996	Professional Support of Services and Programs Award, Epilepsy Association of Maryland
1997	Featured in special issue of <i>TIME</i> magazine, "Heroes of Medicine"
1999	Elected President, Division of Clinical Neuropsychology (Division 40) American Psychological Association
2003	Elected President, International Neuropsychological Society
2004	Elected Fellow, Association for Psychological Science

2013 Lawrence M. Garten Award for Leadership Excellence, Abilities Network

2015 Distinguished Career Award, International Neuropsychological Society

**MEMBERSHIPS:**

American Psychological Association

Society for Clinical Neuropsychology (formerly, APA Division 40: Clinical Neuropsychology)

Association for Psychological Science

International Neuropsychological Society

Sigma Xi

American Academy of Clinical Neuropsychology

**CERTIFICATIONS:**

Licensed Psychologist #1604, State of Maryland, since 1982

Board Certified in Clinical Neuropsychology, American Board of Professional Psychology  
American Board of Clinical Neuropsychology  
Recertified (optional) for 10 years in August 2016

**PROFESSIONAL ACTIVITIES:**

## Editorial Boards:

- *Psychological Assessment: A Journal of Consulting and Clinical Psychology* (1991)
- *Neuropsychology Review* (1988 - 1996)
- *Neuropsychology* (1993 - 2001; 2007 - 2010)
- *Cognitive and Behavioral Neurology* (2004 - present)
- *Journal of Clinical and Experimental Neuropsychology* (1992 - 2006; 2014 - present)
- *The Clinical Neuropsychologist* (1994 - 2006)
- *Journal of the International Neuropsychological Society* (1995 - 2007)
  - Critical Reviews and Dialogues Department Editor (1995 - 2001)
- *Alzheimer's & Dementia: Journal of the Alzheimer's Association* (2005 - present)
- *Journal of Alzheimer's Disease* (2014 – present)
  - Senior Editor (2015 – present)

1984 Conference Organizer, First Annual Symposium  
Baltimore-Washington Area Neuropsychology Group

1986 - Present Professional Advisory Board, Epilepsy Foundation of the Chesapeake Region

1986, 1990, Program Committee, International Neuropsychological Society  
1992

1986 Closed Head Injury Task Force,  
State of Maryland Department of Health and Mental Hygiene

1988 - 1991	Merit Review Board for Mental Health and Behavioral Sciences, Veterans Administration
1992 - 1994	Medical and Scientific Advisory Board, Alzheimer's Disease and Related Disorders Association
1992 - 1995	Board of Governors, International Neuropsychological Society
1993 - 1996	Dana Consortium on Memory Loss and Aging, Charles A. Dana Foundation
1994 - 1998	Advisory Board, Predisposition Testing for the BRCA1 Gene, Dana-Farber Cancer Institute, Harvard Medical School
1994 - 1999	Consultant, Copper Ridge and Episcopal Health Ministries, Inc.
1996 - 2002	Board of Directors (Treasurer), American Academy of Clinical Neuropsychology
1996 - 2004	Chair, Practice Committee, American Academy of Clinical Neuropsychology
1997	<i>Ad Hoc</i> Steering Committee, Huntington's Disease Society of America, Maryland Chapter
1998 - 2004	Medical and Scientific Advisory Board, Central Maryland Chapter Alzheimer's Disease and Related Disorders Association
1999 - 2002	Executive Committee, Society for Clinical Neuropsychology (APA Division 40) American Psychological Association
2000 - 2001	President, Society for Clinical Neuropsychology (APA Division 40) American Psychological Association
2002	Chair, Arthur Benton Award Committee, International Neuropsychological Society
2003 - 2006	Board of Governors, International Neuropsychological Society
2004	President, International Neuropsychological Society
2005 - Present	Medical Advisory Board, Johns Hopkins Memory Bulletin
2014 - Present	Chair, Senior Services Professional Advisory Committee, Abilities Network

**UNIVERSITY ACTIVITIES:**

1988 - 1995, 2002 - 2010	Executive Committee, Department of Psychiatry & Behavioral Sciences
1992 - 1994	Johns Hopkins University Medical School Council
1996 - 1997	Chairman, <i>Ad Hoc</i> Investigation Committee on Scientific Misconduct
2004 - 2008	Protocol Review Committee, General Clinical Research Center
2014 - 2016	Faculty Development Committee, Department of Psychiatry & Behavioral Sciences

**TEACHING:**

Undergraduate: Introductory Psychology, Physiological Psychology (Non-Lab), Introduction to Neuropsychology, Brain and Behavior, Brain and Behavior II, Current Topics in Brain-Behavior Relations

Graduate: Clinical and Experimental Neuropsychology, Spatial Representation in the Brain, Seminar in Neuropsychology: Hemispheric Specialization, Seminar in Neuropsychology: Neuropsychology of Attention, Research Seminar in Neuropsychology

Medical School: Human Amnesia and Memory Processes, Language and Aphasia, Intelligence, Executive Functions, Neuropsychological Methods (First year course in Psychiatry & Behavioral Sciences); Resident seminars, Psychiatry Grand Rounds, etc.

Director, Postdoctoral Fellowship Program in Clinical Neuropsychology  
Medical Psychology Seminar Series (initiated and direct; weekly since 1989)  
Neuropsychology Journal Group (initiated and direct; weekly since 1989)

#### **COMPENSATED CONSULTANCIES:**

Neurotrope BioScience, LLC

InVentiv Health Clinical

MedAvante, Inc.

#### **INVENTIONS & PROCEDURES DEVELOPED:**

Telephone Interview for Cognitive Status (TICS)

Hopkins Verbal Learning Test (HVLT), Hopkins Verbal Learning Test- Revised (HVLT-R)

Oscar Test

Baltimore Board (formerly, Hopkins Board)

Dementia Risk Assessment (at [www.alzcast.org](http://www.alzcast.org))

#### **RESEARCH GRANTS & CONTRACTS (principal investigator or project director only):**

1979 Special Mini-Grant for Graduate Research, Graduate School, Boston University

1980-1982 NIH National Research Service Award (F31, individual pre-doctoral fellowship)

1981 - 1986 NIH Biomedical Research Support Grant #SO7 RR07041, The Johns Hopkins University

(1981 - 1982) "Neuropsychological Assessment of Cognitive Changes in Epileptic Patients"

(1982 - 1983) "Memory Encoding in Alcoholic Subjects"

(1983 - 1984) "Memory Disorders, Frontal Lobe Damage, and Korsakoff's Syndrome"

(1984 - 1986) "Improving Memory Performance in Alzheimer's Disease"

1983 - 1987 NIMH Grant #RO1 MH38387. Co-Principal Investigator,  
"Neurocognitive Studies of Huntington's Disease", Milton E. Strauss, Principal Investigator

- 1986 - 1987 American Federation for Aging Research. Co-Principal Investigator, "Regional Cerebral Glucose Metabolism and Response to Physostigmine in Dementing Illnesses", Larry E. Tune, Principal Investigator
- 1986 - 1989 NINCDS Grant #NS24841. Principal Investigator, "Genetic Testing for HD: Preventing Psychiatric Morbidity"
- 1989 - 1990 Huntington's Disease Society of America. Principal Investigator, "Presymptomatic DNA Testing for Huntington's Disease"
- 1989 - 1990 NINDS Grant #NS16375. Principal Investigator of Project D, "Research Center Without Walls for HD", Marshal F. Folstein, Principal Investigator
- 1993 - 1996 Charles A. Dana Foundation. "Study of Memory and Aging in Zanvyl Krieger Mind/Brain Institute" Guy McKhann, Principal Investigator  
Director of subproject: "Characterizing and Optimizing Memory Functioning in Older Persons"
- 1987 - 2002 NIA Grant #AG00149. Co-Director with Marshal F. Folstein (1987-1993), Director (1993 to 2002), "Research Training in the Dementias of Aging"
- 1990 - 1997 NIMH Grant #MH46034. Principal Investigator, "Presymptomatic DNA Testing for Huntington's Disease"
- 1990 - 1996 NINDS Grant #NS15080. Director of Neuropsychology Core, "Program for Study of Neuroreceptor Binding in Man", N. Henry Wagner, Jr., Principal Investigator
- 1990 - 2006 NINDS Grant #NS16375. Principal Investigator of Project 1, Co-Director of Clinical Core, "Research Center Without Walls for Huntington's Disease", Susan E. Folstein & Christopher Ross, sequential Principal Investigators
- 1996 - 1997 AARP Andrus Foundation. Principal Investigator, "Individualized Memory Training for Older Adults"
- 1996 - 2011 NIA Grant #AG07370. Principal Investigator of Johns Hopkins subcontract, "Predictors of Severity in Alzheimer's Disease", Yaakov Stern, Principal Investigator
- 2000 - 2004 NIA Grant #AG05146. Director of Clinical Core, "Aging, Neurodegenerative Disease, and Animal Models" (Johns Hopkins Alzheimer's Disease Research Center), Donald Price, Principal Investigator
- 2005 - 2010 NIA Grant #AG05146. Principal Investigator of Project 1, "Aging, Neurodegenerative Disease, and Animal Models" (Johns Hopkins Alzheimer's Disease Research Center) Donald Price, Principal Investigator
- 2011 - 2015 Alere San Diego, Inc., Principal Investigator. "ERK AD-Index in the Diagnosis of Alzheimer's Disease"
- 2011 - Present Douglas Hospital Research Center, Principal Investigator of Johns Hopkins subcontract, "Presymptomatic Evaluation of Experimental or Novel Treatments for Alzheimer's Disease", John C.S. Breitner, Principal Investigator



2015 - 2016 William and Ella Owens Medical Research Foundation, Principal Investigator.  
 "Pilot Clinical Trial of a Ketone-Producing Diet for Mild Cognitive Impairment and Mild Dementia"

2016 - Present BrightFocus Foundation, Principal Investigator.  
 "Modified Atkins Diet for Cognitive Loss in Older Adults"

#### **PUBLICATIONS:**

- Excluding published abstracts
- h-Index (per *Google Scholar*, November 2016): 92

#### **1979**

Mayeux, R., Alexander, M.P., Benson, D.F., Brandt, J. & Rosen, J.J. Porioomania. *Neurology*, 29, 1616-1619.

#### **1980**

Brandt, J. & Rosen, J.J. Auditory phonemic perception in dyslexia: Categorical identification and discrimination of stop consonants. *Brain and Language*, 9, 324-337.

Mayeux, R., Brandt, J., Rosen, J.J. & Benson, D.F. Interictal memory and language impairment in temporal lobe epilepsy. *Neurology*, 30, 120-125.

Albert, M.S., Butters, N. & Brandt, J. Memory for remote events in alcoholics. *Journal of Studies on Alcohol*, 41, 1071-1081.

#### **1981**

Brandt, J. & Mackavey, W. Left-right confusion and the perception of bilateral symmetry. *International Journal of Neuroscience*, 12, 87-94.

Albert, M.S., Butters, N. & Brandt, J. Patterns of remote memory in amnesic and dementing patients. *Archives of Neurology*, 38, 495-500.

Albert, M.S., Butters, N. & Brandt, J. Development of remote memory loss in patients with Huntington's disease. *Journal of Clinical Neuropsychology*, 3, 1-12.

Brandt, J. & Butters, N. Review of: Handbook of Clinical Neuropsychology (edited by S.B. Filskov & T.J. Boll, New York: Wiley-Interscience, 1980) in *Alcoholism: Clinical and Experimental Research*, 5, 580-581.

#### **1982**

#### **1983**

Brandt, J., Butter, N., Ryan, C. & Bayog, R. Cognitive loss and recovery in long-term alcohol abusers. *Archives of General Psychiatry*, 40, 435-442.

Brandt, J. & Doyle, L.F. Concept attainment, tracking, and shifting in adolescent polydrug abusers. *Journal of Nervous and Mental Disease*, 171, 559-563.

#### **1984**

Brandt, J. Defective stimulus set attention in generalized epilepsy. *Brain and Cognition*, 3, 140-151.

Brandt, J., Strauss, M.E., Larus, J., Jensen, B., Folstein, S.E. & Folstein, M. Clinical correlates of dementia and adaptive functioning in Huntington's disease. *Journal of Clinical Neuropsychology*, 6, 401-412.

#### 1985

Butters, N. & Brandt, J. The continuity hypothesis: The relationship of long-term alcoholism to the Wernicke-Korsakoff syndrome. In M. Galanter (Ed.), *Recent Advances in Alcoholism*, Vol. 2. New York: Plenum Press.

Brandt, J. & Provost, D. On the dissimilar effects of aging and alcoholism on the perception of cognitive failures. *Alcohol*, 2, 633-635.

Strauss, M.E. & Brandt, J. Is there increased WAIS pattern variability in Huntington's disease? *Journal of Clinical and Experimental Neuropsychology*, 7, 122-126.

Brandt, J. Access to knowledge in the dementia of Huntington's disease. *Developmental Neuropsychology*, 1, 335-348.

Kohl, D. & Brandt, J. An automatic encoding deficit in the amnesia of Korsakoff's syndrome. *Annals of the New York Academy of Sciences*, 444, 460-462.

Brandt, J., Rubinsky, E. & Lassen, G. Uncovering malingered amnesia. *Annals of the New York Academy of Sciences*, 444, 502-503.

#### 1986

Rubinsky, E. & Brandt, J. Amnesia and criminal law: A clinical overview. *Behavioral Sciences and the Law*, 4, 27-46.

Brandt, J. & Butters, N. The alcoholic Wernicke-Korsakoff syndrome and its relationship to long-term alcohol abuse. In I. Grant and K. Adams (Eds.), *Neuropsychological Assessment in Neuropsychiatric Disorders*. New York: Oxford Press.

Brandt, J. & Butters, N. The neuropsychology of Huntington's disease. *Trends in Neuroscience*, 93, 118-120.

Strauss, M.E. & Brandt, J. An attempt at preclinical identification of Huntington's disease with the WAIS. *Journal of Clinical and Experimental Neuropsychology*, 8, 210-218.

Strauss, M., Brandt, J. & McSorley, P. Visual vigilance and psychopathology. *Psychiatry Research*, 18, 285-287.

#### 1987

Brandt, J. Review of: *The Man who Mistook his Wife for a Hat, and Other Clinical Tales* (by Oliver Sacks, New York: Summit Books, 1985), *Journal of Nervous and Mental Disease*, 175, 118-119.

Quaid, K.A., Brandt, J. & Folstein, S.E. The decision to be tested for Huntington's disease [Letter]. *Journal of the American Medical Association*, 257, 3362.

Brandt, J. Review of: *Clinical Disorders of Memory* (by Aman U. Khan, New York: Plenum Press, 1986) in *Journal of Nervous and Mental Disease*, 175, 746-747.

**1988**

Brandt, J., Folstein, S.E. & Folstein, M.F. Differential cognitive impairment in Alzheimer's disease and Huntington's disease. *Annals of Neurology*, 23, 555-561.

Wiggins, E.C. & Brandt, J. The detection of simulated amnesia. *Law and Human Behavior*, 12, 57-78.

Brandt, J. Malingered amnesia. In, R. Rogers (Ed.), *Clinical Assessment of Malingering and Deception*. New York: Guilford Press.

Folstein, M., Rovner, B., Tune, L., Warren, A. & Brandt, J. The cognitively impaired patient. In, A. McHarvey, R.J. Johns, V.A. McKusick, A.H. Owens, & R.S. Ross (Eds.), *The Principles and Practice of Medicine*, 22nd edition. Norwalk, CT: Appleton & Lange.

Brandt, J., Spencer, M., McSorley, P. & Folstein, M. Semantic activation and implicit memory in Alzheimer disease. *Alzheimer Disease and Associated Disorders*, 2, 112-119.

Kramer, J.H., Delis, D.C., Blusewicz, M.J., Brandt, J., Ober, B.A. & Strauss, M. Verbal memory errors in Huntington's and Alzheimer's dementias. *Developmental Neuropsychology*, 4, 1-15.

Starkstein, S.E., Brandt, J., Folstein, S., Strauss, M., Wong, D., McDonnell, A., Pearlson, G. & Folstein, M. Neuropsychologic and neuroradiologic correlates in Huntington's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, 51, 1259-1263.

Brandt, J., Spencer, M. & Folstein, M. The Telephone Interview for Cognitive Status. *Neuropsychiatry, Neuropsychology and Behavioral Neurology*, 1, 111-117.

**1989**

Starkstein, S.E., Folstein, S.E., Brandt, J., Pearlson, G.D., McDonnell, A. & Folstein, M. Brain atrophy in Huntington's disease: A CT-scan study. *Neuroradiology*, 31, 156-159.

Brandt, J., Quaid, K.A. & Folstein, S.E. Presymptomatic DNA testing for Huntington's disease. *Journal of Neuropsychiatry and Clinical Neurosciences*, 1, 195-197.

Brandt, J., Quaid, K.A., Folstein, S.E., Garber, P.A., Maestri, N.E., Abbott, M.H., Slavney, P.R., Franz, M.L., Kasch, L. & Kazazian, H.H., Jr. Presymptomatic diagnosis of delayed-onset disease with linked DNA markers: The experience in Huntington's disease. *Journal of the American Medical Association*, 261, 3108-3114.

Brandt, J., Quaid, K.A. & Folstein, S.E. Insurance and the presymptomatic diagnosis of delayed-onset disease [Letter]. *Journal of the American Medical Association*, 262, 2385.

Brandt, J., Mellits, E.D., Rovner, B., Gordon, B., Selnes, O.A. & Folstein, M. Relation of age at onset and duration of illness to cognitive functioning in Alzheimer's disease. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 2, 93-101.

Quaid, K.A., Folstein, S.E. & Brandt, J. Knowledge, attitude, and the decision to be tested for Huntington's disease. *Clinical Genetics*, 26, 431-438.

Kramer, J.H., Levin, G., Brandt, J. & Delis, D.C. Differentiation of Alzheimer's, Huntington's, and Parkinson's diseases on the basis of verbal learning characteristics. *Neuropsychology*, 3, 111-120.

**1990**

Burns, A., Folstein, S.E., Brandt, J. & Folstein, M. Clinical assessment of irritability, aggression, and

apathy in Huntington's and Alzheimer's disease. *Journal of Nervous and Mental Disease*, 178, 20-26.

Brandt, J., Folstein, S.E., Wong, D.F., Links, J., Dannals, R.F., McDonnell-Sill, A., Starkstein, S., Anders, P., Strauss, M.E., Tune, L.E., Wagner, H.N. Jr. & Folstein, M.F. D2 receptors in Huntington's disease: Positron tomographic findings and clinical correlates. *Journal of Neuropsychiatry and Clinical Neurosciences*, 2, 20-27.

Brandt, J. Review of: Medical Neuropsychology: The Impact of Disease on Behavior (edited by R.E. Tarter, D.H. Van Hiel & K.L. Edwards, New York: Plenum Press, 1988) in *Journal of Nervous and Mental Disease*, 178, 337-338.

Brandt, J., Linet, M., Celentano, D., Stewart, W. & Folstein, M. Personality and emotional disorder in a community sample of migraine headache sufferers. *American Journal of Psychiatry*, 147, 303-308.

Bylsma, F.W., Brandt, J. & Strauss, M.E. Aspects of procedural memory are differentially impaired in Huntington's disease. *Archives of Clinical Neuropsychology*, 5, 287-297.

Folstein, S.E., Brandt, J. & Folstein, M.F. The subcortical dementia of Huntington's disease. In, J. Cummings (Ed.), *Subcortical Dementia*. New York: Oxford University Press.

Eustache, F., Cox, C., Brandt, J., Lechevalier, B. & Pons, L. Word association responses and severity of dementia in Alzheimer disease. *Psychological Reports*, 66, 1315-1322.

Strauss, M.E. & Brandt, J. Are there neuropsychological manifestations of the gene for Huntington's disease in asymptomatic, at-risk individuals? *Archives of Neurology*, 47, 905-908.

Brandt, J. Rating scales in psychogeriatrics and dementia. *Current Opinion in Psychiatry*, 3, 485-488.

Rebok, G., Brandt, J. & Folstein, M. Longitudinal cognitive decline in patients with Alzheimer's disease. *Journal of Geriatric Psychiatry and Neurology*, 3, 91-97.

Folstein, M.F., Brandt, J. & Starkstein, S. Cognition in Huntington's disease: Characteristics and correlates. In, A.J. Franks et al. (Eds.), *Function and Dysfunction in the Basal Ganglia*. Manchester: Manchester University Press.

Breitner, J.C.S., Welsh, K.A., Magruder-Habib, K. M., Churchill, C.M., Robinette, C.D., Folstein, M. F., Murphy, E.A., Priolo, C.C. & Brandt, J. Alzheimer's disease in the National Academy of Sciences Registry of Aging Twin Veterans. *Dementia*, 1, 297-303.

Brandt, J., Vining, E.P.G., Stark, R.E., Ansel, B.M. & Freeman, J. Hemispherectomy for intractable epilepsy in childhood: preliminary report on neuropsychological and social sequelae. *Journal of Epilepsy*, 3 (Suppl.), 261-270.

Vining, E.P.G., Freeman, J.M., Carson, B.S. & Brandt, J. Hemispherectomy in children: the Hopkins experience, 1968-1988, a preliminary report. *Journal of Epilepsy*, 3 (Suppl.), 169-176.

## 1991

Brandt, J. The Hopkins Verbal Learning Test: Development of a new memory test with six equivalent forms. *The Clinical Neuropsychologist*, 5, 125-142.

Brandt, J. Cognitive impairments in Huntington's disease: insights into the neuropsychology of the striatum. In, F. Boller & J. Grafman (Eds.), *Handbook of Neuropsychology*, Vol. 5. Amsterdam: Elsevier Science Publishers.

Tune, L., Brandt, J., Frost, J.J., ... & Pearlson, G.D. Physostigmine in Alzheimer's disease: Effects on

cognitive functioning, cerebral glucose metabolism analyzed by position emission tomography and cerebral blood flow analyzed by single photon emission tomography. *Acta Psychiatrica Scandinavica*, 366 (Suppl.), 61-65.

Schretlen, D., Brandt, J., Krafft, L. & Van Gorp, W. Some caveats in using the Rey 15-Item Memory Test to detect malingered amnesia. *Psychological Assessment*, 3, 667-672.

## 1992

Bylsma, F.W., Rebok, G.W. & Brandt, J. Long-term retention of implicit learning in Huntington's disease. *Neuropsychologia*, 29, 1213-1221.

Bylsma, F.W., Brandt, J. & Strauss, M.E. Personal and extrapersonal orientation in Huntington's disease patients and those at risk. *Cortex*, 28, 113-122.

Brandt, J., Corwin, J. & Krafft, L. Is verbal recognition memory really different in Alzheimer's and Huntington's disease? *Journal of Clinical and Experimental Neuropsychology*, 14, 773-784.

Brandt, J. Detecting amnesia's impostors. In, L.R. Squire & N. Butters (Eds.), *Neuropsychology of Memory*, second edition. New York: Guilford Press.

Morris, R., Schaerf, F., Brandt, J., McArthur, J. & Folstein, M. AIDS and multiple sclerosis: Neural and mental features. *Acta Psychiatrica Scandinavica*, 85, 331-336.

Starkstein, S.E., Brandt, J., Bylsma, F.W., Peyser, C., Folstein, M.F. & Folstein, S.E. Neuropsychological correlates of brain atrophy in Huntington's disease: A magnetic resonance imaging study. *Neuroradiology*, 34, 487-489.

Benedict, R.H.B. & Brandt, J. Limitation of the Mini-Mental State Examination for the detection of amnesia. *Journal of Geriatric Psychiatry and Neurology*, 5, 233-237.

Mayberg, H.S., Starkstein, S.E., Peyser, C.E., Brandt, J., Dannals, R.F. & Folstein, S.E. Paralimbic frontal lobe hypometabolism in depression associated with Huntington's disease. *Neurology*, 42, 1791-1797.

Barr, A., Benedict, R., Tune, L. & Brandt, J. Neuropsychological differentiation of Alzheimer's disease from vascular dementia. *International Journal of Geriatric Psychiatry*, 7, 621-627.

Singer, H.S., Wong, D.F., Brown, J.E., Brandt, J., Krafft, L., Shaya, E., Dannals, R.F. & Wagner, H.N., Jr. Positron emission tomography evaluation of D<sub>2</sub> receptors in adults with Tourette syndrome. *Advances in Neurology*, 58, 233-239.

Brandt, J. & Benedict, R.H.B. (1992). Dementia. In L.R. Squire (Ed.) *Encyclopedia of Learning and Memory*. New York: MacMillian Publishing Co.

## 1993

Benedict, R.H.B., Brandt, J. & Bergey, G. An attempt at memory retraining in severe amnesia: An experimental single-case study. *Neuropsychological Rehabilitation*, 3, 37-51.

Brandt, J. Review of: Subcortical Functions in Language and Memory (by Bruce Crosson, New York: Guilford Press, 1992) in *Contemporary Psychology*, 38, 690-691.

Brandt, J., Welsh, K.A., Breitner, J.C.S., Folstein, M., Helms, M. & Christian, J.C. Hereditary influences on cognitive functioning in older men: A study of 4,000 twin-pairs. *Archives of Neurology*, 50, 599-603.

Bobholz, J.H. & Brandt, J. (1993). Assessment of cognitive impairment: Relationship of the Dementia

Rating Scale to the Mini-Mental State Exam. *Journal of Geriatric Psychiatry and Neurology*, 6, 210-213.

Bylsma, F.W., Rothlind, J., Hall, M.R., Folstein, S.E. & Brandt, J. Assessment of adaptive functioning in Huntington's disease. *Movement Disorders*, 8, 183-190.

Rothlind, J. & Brandt, J. Validation of a brief assessment of frontal and subcortical functions in dementia. *Journal of Neuropsychiatry and Clinical Neurosciences*, 5, 73-77.

King, T.M., Brandt, J. & Meyers, D.A. The effect of laboratory or clerical error on presymptomatic risk calculations for Huntington's disease: A simulation study. *American Journal of Medical Genetics*, 46, 154-158.

Brandt, J. & Benedict, R.H.B. The assessment of retrograde amnesia: Findings with a new public events procedure. *Neuropsychology*, 7, 217-227.

Rothlind, J.C., Bylsma, F.W., Peyser, C., Folstein, S.E. & Brandt, J. Cognitive and motor correlates of everyday functioning in early Huntington's disease. *Journal of Nervous and Mental Disease*, 181, 194-199.

Brandt, J. & Bylsma, F.W. The dementia of Huntington's disease. In, R.W. Parks, R.F. Zec & R.S. Wilson (Eds.), *Neuropsychology of Alzheimer's Disease and Other Dementias*. New York: Oxford University Press.

Rothlind, J.C., Brandt, J., Zee, D., Codori, A.M. & Folstein, S.E. Unimpaired verbal memory and oculomotor control in asymptomatic adults with the genetic marker for Huntington's disease. *Archives of Neurology*, 50, 799-802.

Tröster, A.I., Butters, N., Salmon, D.P., Cullum, C.M., Jacobs, D., Brandt, J. & White, R.F. The diagnostic utility of savings scores: Differentiating Alzheimer's and Huntington's diseases with the Logical Memory and Visual Reproductions Tests. *Journal of Clinical and Experimental Neuropsychology*, 15, 773-788.

Vining, E.P.G., Freeman, J., Brandt, J., Carson, B.S. & Uematsu, S. Progressive unilateral encephalopathy of childhood (Rasmussen's Syndrome): A reappraisal. *Epilepsia*, 34, 639-650.

#### 1994

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## 2013

Brandt, J., Sullivan, C., Burrell, L.E., Rogerson, M. & Anderson, A. Internet-based screening for dementia risk. *PloS ONE*, 8, e57467. doi:10.1371/journal.pone.0057476.

Samus, Q.M., Onyike, C., Johnson, D., Mayer, L., McNabney, M., Baker, A.S., Brandt, J., Rabins, P.V., Lyketsos, C.G. & Rosenblatt, A. 12-month incidence, prevalence, persistence, and treatment of mental disorders among individuals recently admitted to assisted living facilities in Maryland. *International Psychogeriatrics*, 25, 721-731.

Rao, V., McCann, U., Bergey, A., Han, D., Brandt, J. & Schretlen, D.J. Correlates of apathy during the first year after traumatic brain injury [Letter]. *Psychosomatics*, 54, 403-404.

Zhu, C.W., Livote, E.E., Scarmeas, N., Albert, M., Brandt, J., Blacker, D., Sano, M. & Stern, Y. Long-term associations between cholinesterase inhibitors and memantine use and health outcomes among patients with Alzheimer's disease. *Alzheimer's & Dementia*, 9, 1-8.

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*Sciences*, 68, 153-167.

Brandt, J., Breitner, J.C.S., Luis, C.A., Martin, B., Reckess, G.Z. & Zandi, P. Screening by telephone in the Alzheimer's Disease Anti-Inflammatory Prevention Trial. *Journal of Alzheimer's Disease*, 36, 433-443.

Bell, S.G., Matsumoto, M., Shaw, S.J., Brandt, J. & Krauss, G.L. New antiepileptic drug safety information is not transmitted systematically and accepted by U.S. neurologists. *Epilepsy & Behavior*, 29, 36-40.

Samus, Q.M., Vavilikolanu, A., Mayer, L., McNabney, M., Brandt, J., Lyketsos, C.G. & Rosenblatt, A. Cohort differences in dementia recognition and treatment indicators among assisted living residents in Maryland: Did a change in the resident assessment tool make a difference? *International Psychogeriatrics*, 25, 2047-2056.

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## 2014

Razlighi, Q.R., Stallard, E., Brandt, J., Blacker, D., Albert, M., Scarmeas, N., Kinossian, B., Yashin, A.I. & Stern, Y. A new algorithm for predicting time to disease endpoints in Alzheimer's patients. *Journal of Alzheimer's Disease*, 38, 661-888.

McNabney, M.K., Onyike, C., Johnston, D., Mayer, L., Lyketsos, C., Brandt, J., Rosenblatt, A. & Samus, Q. The impact of complex chronic diseases on care utilization among assisted living residents. *Geriatric Nursing*, 35, 26-30.

Gross, A.L., Brandt, J., Bandeen-Roche, K., Carlson, M.C., Stuart, E.A., Marsiske, M., & Rebok, G.W. (2014). Do older adults use the Method of Loci? Results from the ACTIVE Study. *Experimental Aging Research*, 40, epub.

Cosentino, S., Zahodne, L., Brandt, J., Blacker, D., Albert, M., Dubois, B. & Stern, Y. Social cognition in Alzheimer's disease: A separate construct contributing to dependence. *Alzheimer's & Dementia*, epub.

Anderson, W.S. & Brandt, J. The role of neuropsychological evaluation in epilepsy surgery candidates. *Neurosurgery Quarterly*, 24, 301-305.

Gu, Y., Scarmeas, N., Cosentino, S., Brandt, J., Albert, M., Blacker, D., Dubois, B & Stern, Y. Changes in body mass index before and after Alzheimer's disease onset. *Current Alzheimer's Research*, 11, 349-356.

Brandt, J., Blehar, J., Anderson, A. & Gross, A.L. Further validation of the internet-based Dementia Risk Assessment. *Journal of Alzheimer's Disease*, 41, 937-945.

Spira, A., Yager, C., Brandt, J., Smith, G.S., Zhou, Y., Mathur, A., Kumar, A., Brasic, J.R., Wong, D.F. & Wu, M.N. Objectively measured sleep and  $\beta$ -amyloid burden in older adults: A pilot study. *SAGE Open Medicine*, 2, 2050312114546520.

Ross, C.A., Pantelyat, A., Kogan, J. & Brandt, J. Determinants of functional disability in Huntington's disease: role of cognitive and motor dysfunction. *Movement Disorders*, 29, 1351-1358.

Brandt, J., Rogerson, M., Al-Joudi, H., Reckess, G., Shpritz, B., Umeh, C.C., Aljehani, N., Mills, K. & Mari, Z. Betting on DBS: effects of subthalamic nucleus deep brain stimulation on risk-taking and decision-making in patients with Parkinson's disease. *Neuropsychology*, 29, 622-631.

## 2015

Brandt, J. & Puente, A.N. Update on psychogenic nonepileptic seizures (PNES). *Psychiatric Times*, 32, 21-23.

Chan, K., Gross, A., Pezzin, L., Brandt, J. & Kasper, J. Harmonizing measures of cognitive performance across international surveys of aging using item response theory. *Journal of Aging and Health*, 27, 1392-1414.

Cohen, M.L., Aita, S., Mari, Z. & Brandt, J. The unique and combined effects of apathy and depression on cognition in Parkinson's disease. *Journal of Parkinson's Disease*, 5, 351-359.

Zhu, C.W., Scarmeas, N., Ornstein, K., Albert, M., Brandt, J., Blacker, D., Sano, M. & Stern, Y. Health-care use and cost in dementia caregivers: Longitudinal results from the Predictors Caregiver Study. *Alzheimer's & Dementia*, 11, 444-454.

## 2016

Puente, A.N., Cohen, M.L., Aita, S. & Brandt, J. Behavioral ratings of executive functioning explain instrumental activities of daily living beyond test scores in Parkinson's disease. *The Clinical Neuropsychologist*, 30, 95-106.

Rappold, T., Laflam, A., Hori, D., Brown, C., Brandt, J., Mintz, C.D., Sieber, F., Gottschalk, A., Yenokyan, G., Everett, A & Hogue, C.W. Evidence of an association between brain cellular injury and cognitive decline after non-cardiac surgery. *British Journal of Anaesthesia*, 116, 83-89.

Brandt, J. Diet and dementia. In, E.H. Kossoff, Z. Turner, S. Doerr, M. Cervenka & B.J. Henry, *The Ketogenic and Modified Atkins Diets: Treatments for Epilepsy and Other Disorders* (6<sup>th</sup> edition). New York: Demos Health.

Nelson, A., Bilder, R.M., O'Connor, M., Brandt, J., Weintraub, S. & Bauer, R.M. Response to Bodin and Grote regarding postdoctoral recruitment in clinical neuropsychology. *The Clinical Neuropsychologist*, 30, 651-659.

Taylor, J., Anderson, W.S., Brandt, J., Mari, Z. & Pontone, G.M. Neuropsychiatric complications of Parkinson's disease treatments: the importance of multidisciplinary care. *American Journal of Geriatric Psychiatry*, 24, 1171-1180.

Mills, K.A., Mari, Z., Pontone, G.M., Pantelyat, A., Zhang, A., Yorimoto, N., Powers, E., Brandt, J., Dawson, T.M. & Rosenthal, L.S. Cognitive impairment in Parkinson's disease: Association between patient-reported and clinically measured outcomes. *Parkinsonism and Related Disorders*.  
<http://dx.doi.org/10.1016/j.parkreldis.2016.09.025>

## MAJOR INVITED LECTURES:

Personality and psychopathology in complex partial epilepsy: Ictal and interictal phenomena. Third Annual Conference of the New York Neuropsychology Group, March 1982.

Memory, alcoholism, and the brain. Department of Psychology, Queens College of the City University of New York, May 1982.

Impairment in cognitive functioning and residual impairments in recovering alcoholics. First Annual Symposium of the Baltimore-Washington Area Neuropsychology Group, January 1984.

Personality characteristics in temporal lobe epilepsy. Laboratory of Clinical Neuroscience, NINCDS, March 1985.

Faked amnesia. Department of Cognitive and Brain Sciences, Massachusetts Institute of Technology May 1987.

Neuropsychology and the cerebral basis of ignorance. Department of Neurology, Massachusetts General Hospital, May 1987.

The ethics of presymptomatic genetic testing: Principles and problems. American Association for Clinical Chemistry, July 1987.

The nature of language: Lessons from neurological disorders. Smithsonian Institution, August 1988.

Presymptomatic diagnosis of Huntington disease. American Society of Human Genetics, October 1988.

Ethical and legal issues in the use of DNA probes for genetic testing. DNA Probes in the Practice of Medicine: An Update. American Medical Association, November 1988.

Lessons from Huntington's disease. International Symposium of Ethical Implications of the New Genetics for Psychiatry. Institute on Psychiatry, Maudsley Hospital, June 1989.

Amnesia: Genuine and feigned. Institute of Psychiatry, Maudsley Hospital, June 1989.

Psychological and social consequences of presymptomatic DNA diagnosis of Huntington's disease. First World Congress on Psychiatric Genetics, August 1989.

Presymptomatic testing for Huntington's disease. Workshops on Pre-Symptomatic Testing for Germ Line p53 Mutations in Cancer Families. National Cancer Institute, May 1991, November, 1991.

Knowing without remembering. Smithsonian Institution, April 1992.

Contributions of the caudate nucleus to cognition: Studies of Huntington's disease. Department of Neurology, University of Miami, December 1992.

New dimensions in dementia research. Invited symposium for Annual Meeting of the American Psychological Association, August 1993.

Cognition and the caudate: Neuropsychological studies in Huntington's disease and presymptomatic gene carriers. Tufts University School of Medicine/New England Medical Center, March 1994; Department of Psychiatry, Stanford University School of Medicine, May 1994.

Memory in Huntington's disease. Department of Neurology and Sergievsky Center, Columbia University College of Physicians and Surgeons, May 1994.

The malingering of memory impairment. Second Pacific Rim Conference, International Neuropsychological Society and Australian Society for the Study of Brain Impairment, July 1995.

Diagnosing incurable illness in healthy persons: Genetic testing for Huntington's disease. Department of Psychology, University of Oslo, November 1996.

Limits on the predictive validity of neuropsychological and neurological assessments. Norwegian Neuropsychological Association, November 1996.

Cognitive changes in normal aging. Workshop on the Aging Pilot. Civil Aviation Medicine Division, Health Canada, December 1996.

Neuropsychological and genetic studies in Huntington's disease: A 10-year experience. Arthur Benton



Award Lecture, International Neuropsychological Society, February 1997.

If it walks like a duck and it quacks like a duck, it might be a turkey: The impersonation of amnesia. Seventh Annual Conference, Rotman Research Institute, Baycrest Centre for Geriatric Care, Toronto, March 1997.

The neuropsychology of memory, with forensic applications. Continuing Education Seminar, American Psychological Association, Alaska Cruise, June 1998.

Are there manifestations of the *huntingtin* mutation prior to clinical onset of Huntington's disease? Sergievsky Center, Columbia University College of Physicians and Surgeons, May 2000.

Normal young adults with the Huntington's disease mutation. Maryland Psychiatric Research Center, December 2000.

Hysteria or malingering: Pseudoamnesia. American Neuropsychiatric Association, February 2001.

The tyranny of disease in clinical neuropsychology. Presidential Address, Division of Clinical Neuropsychology, American Psychology Association, August 2001.

Aging, Amnesia, and Alzheimer's: Memory loss in the elderly. Celebration of Caregiving Conference. John Douglas French Center for Alzheimer's Disease, April 2002.

Cognition in Huntington's disease and those at risk. Third International Congress on Genetics and Regeneration in Neuroscience, Terni, Italy, June 2002.

Neuropsychological assessment in dementia: Recent advances and challenges for the future. San Giovanni Calibita Fatebenefratelli Ospedale Generale, Università Campus Bio-Medico, Rome, July 2002.

Dementia in Huntington's disease. Eighth International Conference on Alzheimer's Disease and Related Disorders, Stockholm, July 2002.

Cognitive changes before and after clinical onset of Huntington's disease. Boston Society of Neurology and Psychiatry, November 2002.

Cognitive changes before and after clinical onset of Huntington's disease. Grand Rounds, Department of Neurology, University of Maryland School of Medicine, April 2003.

Neuropsychological differences among the dementias and what they tell us about the brain. International Conference on Neuropsychology: Recent Advances in the East and the West, Hong Kong, December 2003.

Very early detection of degenerative brain disease: The case of Huntington's disease. Presidential Address, International Neuropsychological Society, Brisbane, Australia, July 2004.

Accreditation of neuropsychology as a profession. University of Deusto, Bilbao, Spain, October 2004.

Neuropsychological crimes and misdemeanors. Presidential Address, International Neuropsychological Society, St. Louis, February 2005.

The dementia of Huntington's disease and subtle cognitive impairment in people at risk. International Neuropsychological Society, Bilbao, Spain, July 2007.

Neurocognitive and functional outcomes of cerebral hemispherectomy. Conference on Neurobehavioral Outcomes of Hemispherectomy: Current Status and New Approaches, NICHD/NINDS, Bethesda, October 2008.

The aging brain and cognition. Grupo José de Mello Saúde 15<sup>th</sup> Annual Conference, Lisbon, Portugal, June 2009.

Eponymous neurobehavioral syndromes. Grand Rounds, Department of Neurology, University of Maryland School of Medicine, October 2012.

Detection of cognitive impairment in the community: Screening for dementia. Neurocognitive impairment in Huntington's disease and presymptomatic gene carriers. School of Psychology, Aristotle University, Thessaloniki, Greece, June 2013.

Impaired decision-making in Parkinson's disease and the effects of deep brain stimulation. International Society for Marketing Science, Baltimore, June 2015.

Internet-based screening for cognitive impairment. StoP-AD Center, Douglas Mental Health Institute, McGill University, Montreal, January 2017.

A pilot clinical trial of the modified Atkins diet for mild cognitive impairment and early Alzheimer's disease. StoP-AD Center, Douglas Mental Health Institute, McGill University, Montreal, January 2017.

Revised March 16, 2017

**Dr. Kathy A. Lawler**

UNIVERSITY OF PENNSYLVANIA-SCHOOL OF MEDICINE  
Curriculum Vitae

March 2017

Kathy A. Lawler, D.Phil.

Office Address: 3 West Gates Building  
Hospital of the University of Pennsylvania  
3400 Spruce Street  
Philadelphia, PA 19104-4283  
Telephone: 215-662-3371  
Fax: 215-349-5579  
Email: [Kathy.lawler@uphs.upenn.edu](mailto:Kathy.lawler@uphs.upenn.edu)

Education:

1974 BA Michigan State University (Psychology, Honors)

1981 D.Phil. University of Oxford (Neuropsychology)  
Department of Experimental Psychology  
Thesis: Aspects of Spatial Vision Following Brain Damage

Postgraduate Training and Fellowship Appointments:

1981-1982 Fellowship (Neuroanatomy)  
Massachusetts Institute of Technology

1982-1983 Fellowship (Clinical Neuropsychology)  
New England Rehabilitation Hospital

1984-1985 Certification in Cognitive Therapy  
Center for Cognitive Therapy  
University of Pennsylvania

Faculty Appointments:

1987 - 2003 Clinical Assistant Professor of Neurology  
The University of Medicine and Dentistry  
Robert Wood Johnson Medical School

1989 - 1993 Adjunct Clinical Assistant Professor  
College of Arts and Sciences (Department of Psychology)  
Widener University

2006–Present Affiliated Faculty  
Center for Cognitive Neuroscience  
University of Pennsylvania

2010–Present Affiliated Faculty  
Center for Cognitive  
Neuroscience, Mahoney Neurological Institute,  
University of Pennsylvania

2010–Present Clinical Assistant Professor of Neuropsychology in Neurology  
Perelman School of Medicine  
University of Pennsylvania

Hospital and Administrative Appointments:

1983 - 1986	Director of Neuropsychology Brain Injury Rehabilitation Unit Magee Rehabilitation Hospital
1986 - 1993	Director of Neuropsychological Services Mediplex Rehabilitation Hospital
1987 – 1992	Institutional Review Board Mediplex Rehabilitation Hospital
1989 - 1993	Clinical Training Coordinator Mediplex Rehabilitation Hospital
1993 - 2003	Director, Neuropsychology Laboratory Division of Neurology Cooper Hospital/University Medical Center
1995 – 2003	Cooper Hospital Council for the Control of Injury
1996 – 2003	Director, Postdoctoral Fellowship Training Program Cooper Hospital/University Medical Center
2004 – Present	Director of Neuropsychology Department of Neurology Perelman School of Medicine
2007 – 2014	Clinical Neuropsychologist (Research only) Department of Child and Adolescent Psychiatry Children’s Hospital of Philadelphia

Other Appointments:

1979 – 1981	Chairperson Oxford Brain Research Association University of Oxford
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Specialty Certification:

1992	American Board of Professional Psychology (Clinical Neuropsychology)
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Licensure:

Massachusetts, Pennsylvania, and New Jersey

Awards and Honors:

1970 - 1974	Trustees Scholarship Michigan State University
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|-------------|---|
| 1978 - 1981 | Wolfson College Scholarship<br>University of Oxford   |
| 1979 - 1981 | E. P. Abraham Scientific Research Scholarship<br>Department of Experimental Psychology<br>University of Oxford  |
| 1980        | NATO Study and Travel Award   |
| 1980        | Academic Travel Award granted by the Guarantors of <u>Brain</u>   |
| 1981 -1982  | Fight for Sight Training Fellowship<br>Dept. of Psychology and Clinical Research Center<br>Massachusetts Institute of Technology  |
| 1981 - 1982 | National Postdoctoral Research Training Award<br>(Individual), National Eye Institute, NIH<br>Dept. of Psychology and Clinical Research Center<br>Massachusetts Institute of Technology |
| 1983        | National Science Foundation, Travel Award   |

Membership in Professional and Scientific Societies:

International:

International Neuropsychological Society  
Society for Neuroscience  
Southern African Clinicians Society

National:

American Psychological Association

Local:

Philadelphia Neuropsychology Society  
Philadelphia Neurological Society

Academic and Clinical Teaching Responsibilities:

- |             |   |
|-------------|---|
| 1973 – 1974 | Teaching Assistant, Department of Psychology, Michigan State University, Course: Introduction to Psychology   |
| 1977 – 1981 | Teaching Assistant/Laboratory Instructor, Department of Experimental Psychology, University of Oxford. (1) Comparative Neuroanatomy, (2) Neuroanatomical Methods and Techniques   |
| 1977 – 1981 | Individual tutorials for undergraduate students in the departments of psychology, physiology, and the medical school at the University of Oxford. Topics taught: cognitive psychology, perception, behavior disorders, neuropsychology, and animal learning |

1989 – 1993	Coordinator of clinical training for the Neuropsychology sub-specialization, College of Arts and Sciences (Department of Psychology), Widner University, Chester, PA
1993 – 2003	Robert Wood Johnson Medical School, Cooper Hospital/University Medical Center, Department of Neurology, Camden, NJ, Lectures: Dementia, Introduction to Neuropsychological Assessment, Affective Disorders, Traumatic Brain Injury
1996 – 2003	Teaching for Post-doctoral Fellowship and Pre-doctoral Internship Training Programs in Neuropsychology, Cooper Hospital/University Medical Center
2003 – 2004	Lecturer for College of General Studies, University of Pennsylvania, Course: Why Memory Fails: The Neuropsychology of Memory
2005 – Present	Lecturer for the Penn Neurology Board Review, Topics: Electroconvulsive Therapy, Behavioral Therapies, Learning Theory, Neuropsychological Assessment
2005- Present	Clinical Neuropsychology Internship and Postdoctoral Training Program, Department of Neurology, Hospital of the University, of Pennsylvania

Lectures by Invitation:

September 17-20, 2008	HIV-Related Cognitive Deficits, Invited lecture, Bold New Steps: 2 <sup>nd</sup> Botswana International HIV Conference, Gaborone, Botswana
July 23-24, 2009	Depression and Cognitive Impairment Associated with HIV: Botswana Pilot Studies, Cape Town, South Africa
April 1, 2011	Mild Traumatic Brain Injury & Post-Concussion Syndrome: A Neuropsychological Perspective 10 <sup>th</sup> Annual Disability Symposium Weingarten Learning Resources Center University of Pennsylvania
April 10, 2011	Is There a Role for Neuropsychology in Developing Countries? University of the West Indies—Mona Campus Kingston, Jamaica

Organizing Roles in Scientific Meetings:

February 23, 1999 You Can't Ice the Brain (Organizer), Conference sponsored by Cooper Hospital/University Medical Center, Voorhees, NJ

Completed Research Support:

2008 - 2010 Penn Center for AIDS Research (CFAR), (Lawler & Coslett), Role: PI,  
An NIH-funded program (P30 AI 045008).  
Neurobehavioral Effects of HIV+ Individuals in Gaborone, Botswana.  
*Goals:* To validate instruments to assess depression and cognition in HIV+ subjects in Botswana.

Current Research Support:

20011- 2014 Fogarty International Center  
Role: PI  
1 R21 TW009262-01  
Neurobehavioral Assessment/High-Risk Behavior Among HIV-Positive Adolescents  
*Goals:* To assess the association between cognition/depression and high risk behaviors in HIV-positive adolescent in Botswana.

Bibliography:

Research Publications, peer-reviewed:

1. Lawler K and Cowey A. The Effects of Pretectal and Superior Collicular Lesions on Binocular Vision. Exp Brain Res 1986; 63:402-408.
2. Olson C and Lawler K. Cortical and Subcortical Afferent Connections of the Posterior Division of Feline Area 7 (area 7p). J of Comp Neurol 1987; 259:13-30.
3. Lawler K and Cowey A. On the Role of Posterior Parietal and Prefrontal Cortex in Visuo-Spatial Perception and Attention. Exp Brain Res 1987; 65:695-698.
4. Como P, Rubin A, O'Brien C, Hickey C, Henderson R, Lawler K, McDermott M, Shoulson I. A Controlled Trial of Fluoxetine in Non-Depressed Patients with Huntington's disease. Neurology 1993; 43: A334.
5. Lawler K and Terrigino C. Guidelines for the Evaluation and Education of Adult patients with Mild Traumatic Brain Injuries in an Acute Hospital Setting. J Head Trauma Rehab 1996; 11 (6): 18-28.
6. Ances B, Roc A, Wang J, Korczykowski M, Okawa J, Stern J, Kim J, Wolf R, Lawler K, Kolson D, Detre J. Caudate Cerebral Blood Flow and Volume are Reduced in HIV Neurocognitively Impaired Patients. Neurology 2006; 66: 862-866.



7. Thomas A, Lawler K, Olson I, and Aguirre GK. The Philadelphia Face Perception Battery (PFPB). 2008 Mar; Arch of Clin Neuropsychol, 23(2): 175-187.
8. Mechanic-Hamilton D, Korczykowski M, Yushkevich PA, Lawler K, Pluta J, Glynn S, Tracy, JI, Wolf RL, Sperling MR, French JA, Detre JA. Hippocampal volumetry and functional MRI of memory in temporal lobe epilepsy, Epilepsy & Behav 2009.
9. Lawler K, Mosepele M, Ratcliffe S, Seloilewe E, Steele K, Nthobatsang R, Steenhoff A. Neurocognitive Impairment among HIV-positive individuals in Botswana: a pilot study, J International AIDS Soc, 2010, 13:15.
10. Robertson K, Liner J, Hakim J, Sankalé JL, Grant I, Letendre S, Clifford D, Diop AG, Jaye A, Kanmogne G, Njamnshi A, Langford TD, Weyessa TG, Wood C, Banda M, Hosseinipour M, Sacktor N, Nakasuja N, Bangirana P, Paul R, Joska J, Wong J, Boivin M, Holding P, Kammerer B, Van Rie A, Ive P, Nath A, Lawler K, Adebamowo C, Royal W 3rd, Joseph J; NeuroAIDS in Africa Conference Participants. J Neurovirol. 2010 Jun16(3):189-202.
11. Lawler K, Mosepele M, Seloilewe E, Ratcliffe S, Steele K, Nthobatsang R, Steenhoff A. Depression in HIV-positive individuals in Botswana: a surveillance study, AIDS & Behav 2011; 15(1): 204.
12. Lowenthal E, Lawler K, Harari N, Moamogwe L, Masunge J, Masedi M, Matome B, Seloilwe E, Jellineck M, Murphy M, Gross R. Validation of the Pediatric Symptom Checklist in HIV-infected Batswana, J of Child and Adolescent Mental Health, 2011, 23(1): 17-28.
13. Lawler K, Jeremiah K, Mosepele M, Ratcliffe SJ, Cherry C, Seloilwe E, Steenhoff A. Neurobehavioral effects of HIV-positive individuals receiving highly active antiretroviral therapy (HAART) in Gaborone, Boswana, PLOS ONE, 2011, 6(2): 1-6.
14. Galetta K, Brandes L, Maki K, Dziemianowicz M, Laudano E, Allen M, Lawler K, Sennett B, Wiebe D, Devick S, Messner L, Galetta S, Balcer L. The King-Devick test and sports-related concussion: Study of a rapid visual screening tool in a collegiate cohort. J of Neurological Sciences, 2011, 309: 34-39.
15. Lewis E and Lawler K. Watering flowers in the rain: the elusive nature of executive dysfunction in HIV, J of Neurosci in Rural Practice, 2011, 2(1): 97-100.
16. Lewis E, Mosepele M, Seloilwe E, Lawler K. Depression in HIV-positive women in Gaborone, Botswana. Health Care for Women International, 2012, 33(4): 375-386.
17. Lowenthal E, Lawler K, Harari N, Moamogwe L, Masunge J, Masedi M, Matome B, Seloilwe E, Gross R. Rapid psychosocial function test was associated with treatment failure in HIV+ African youth, AIDS Care, 2012, 24(6): 722-727.

18. Anderson CT, Noble E, Mani R, Lawler K, Pollard JR. Epilepsy Surgery: Factors that affect patient decision-making in choosing or deferring a procedure. Epilepsy Research and Treatment, 2013.
19. Lowenthal E, Lawler K, Harari N, Moamogwe L, Masedi M, Masunge J, Matome B, Seloiwe E, Gross R. Use of the Pediatric Symptom Checklist for screening children for psychosocial dysfunction in Botswana. Thari Ya Bana: Reflections on Children in Botswana 2013. Published by UNICEF and the University of Botswana, 2013.
20. Hamilton K, Anderson CT, Dahodwala N, Lawler K, Hesdorffer D, French J, Pollard JR. Utilization of care among drug resistant epilepsy patients with symptoms of anxiety and depression, Seizure, 2014 23(3): 196-200.

Abstracts:

1. Carswell M and Lawler K. Neuropsychological Findings of Kallaman's Syndrome Spectrum: A Clinical Case Study. International Neuropsychological Society Abstracts 2006; Boston, MA.
2. Mechanic-Hamilton D, Korczykowski M, Kimberg D, Tracy J, Lawler K, Sperling M, French J, Detre J. Neural Changes in fMRI Activation After Surgical Intervention for Temporal Lobe Epilepsy. International Neuropsychological Society Abstracts 2006; Boston, MA
3. Carswell M, Lawler K, Aguirre G, and Dichter M. Retinotopic Mapping of the Visual Cortex with fMRI and Neuropsychological Testing in a Patient with a Focal Occipital Lesion. American Academy of Clinical Neuropsychology Abstracts 2006; Philadelphia, PA.
4. Carswell M and Lawler K. Paraneoplastic Limbic Encephalitis (PLE): A Case Study of Long-term Cognitive and MRI Findings. International Neuropsychological Society Abstracts 2007; Portland, OR.
5. Thomas A, Lawler K, Olson I, and Aguirre GK. The Philadelphia Face Perception Battery. 2007; Presented at Vision Sciences Society Meeting, Sarasota, FL.
6. Seloiwe E, Steenhoff A, Mosepele M, Nthobatsang R, Thakur R, Steele K, Coslett B, Lawler K. HIV-Associated Depression, New Steps: 2<sup>nd</sup> Botswana International HIV conference abstracts 2008, Gaborone, Botswana.
7. Seloiwe E, Steenhoff A, Mosepele M, Ratcliffe S, Nthobatsang R, Steele K, Thakur R, Coslett B, Lawler K. HIV-associated depression, Global Health Conference, Children's Hospital of Philadelphia 2008, Philadelphia, PA.
8. Lewis E & Lawler K. Depression among HIV-positive women: a pilot study in Botswana, International Council of Women's Health Issues (ICOWHI): Cities and Women's Health: Global Perspectives, Abstract April 2009, Philadelphia, PA.

9. Lowenthal E, Ratcliffe S, Lawler K, Harari, Gross R. Screening for Depression and Anxiety in African Youth: Are Commonly Used Tools Valid? Pediatric Academic Society, April 2011.
10. Lowenthal E, Lawler K, Harari, Gross R. Increased Treatment Failure among Older Children and Adolescents in Botswana, 2011, CROI, Boston, MA.
11. Hamilton KT, Anderson CT, Dahodwala N, Lawler K, Pollard J. Management of refractory epilepsy patients with symptoms of anxiety and depression, March 2013, American Academy of Neurology, San Diego, CA.
12. Payne C, Kohler IV, Bandawe C, Lawler K, Kohler H-P. Measuring Cognitive Health and its Associations with Individuals Well-Being among Older Adults in Sub-Saharan Africa, 2016, Population Association of American, Washington, D.C.

**Dr. Glenn Smith**

**GLENN SMITH  
VITA**

Address: 1225 Center Dr., RM 3154 email: glennsmith@phhp.ufl.edu  
Dept of Clinical and Health Psychology Telephone: (352) 273-6556  
University of Florida  
Gainesville, FL 32606

**PRESENT ACADEMIC RANK AND POSITION**

2015- Elizabeth Faulk Professor and Chair  
Department of Clinical and Health Psychology, University of Florida  
Emeritus Professor of Psychology, Mayo College of Medicine

**BOARD CERTIFICATION and LICENSURE**

2015 Licensed Psychologist, Florida, #PY9386  
1997- Diplomate, Clinical Neuropsychology, American Board of Professional Psychology  
1992- Licensed Psychologist, Minnesota #LP1174

**PROFESSIONAL EXPERIENCE**

**2015- University of Florida**  
Professor of Psychology

**1990-2015 Mayo Clinic and Foundation, Rochester Minnesota**  
**Department of Psychiatry and Psychology**

1995-2015 Consultant, Division of Neurocognitive Disorders, Psychiatry and Psychology  
2013-2015 Associate Director of Education Programs, Mayo Center for Translational Activities  
2014-2015 Deputy Director for Post-Doctoral Education, Mayo Clinic Kern Center for the Science of  
Health Care Delivery  
1998-2015 Medical Editor, Alzheimer's Disease Center, MayoClinic.org  
2008-2012 Co-Chair, Division of Outpatient Psychiatry and Psychology  
2001-2015 Professor of Psychology, Mayo Medical School  
2000-2004 Vice Chair for Research, Department of Psychiatry and Psychology  
1996-2001 Associate Professor of Psychology-Mayo Medical School  
1994-1996 Senior Associate Consultant; Mayo Clinic  
1992-1994 Research Associate Consultant, Department of Health Sciences Research  
1992-1996 Assistant Professor of Psychology, Mayo Medical School  
1990-1992 Research Associate. Alzheimer's Patient Registry and Alzheimer's Disease Core Center.

**University of Alabama at Birmingham School of Medicine, Departments of Physical  
Medicine-Spain Rehabilitation Center and Psychology**

1988-1989 Instructor: Department of Physical Medicine and Rehabilitation and Department of  
Psychology. Co-Director: Stroke Rehabilitation Program.

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**PROFESSIONAL AWARDS, ACTIVITIES, AND AFFILIATIONS**

2016 Distinguished Neuropsychologist Award, American Academy of Clinical Neuropsychology

2015 Chair, American Psychological Association Committee on Aging

2014- Chair, Clinical Neuropsychology Synarchy

2013-2014 Member, American Psychological Association Committee on Aging

2008-2009 President, Clinical Neuropsychology Division (40) of the American Psychological Association

2007, 2011 Teacher of the Year, Mayo Medical Psychology Fellowship Program

2006 Fellow, American Psychological Association

2005-2007 President, American Board of Clinical Neuropsychology

2001-2005 Vice President, American Board of Clinical Neuropsychology

2000-2003 Advisory Board, Piracetam and Mild Cognitive Impairment European Clinical Trial

2000-2007 Examiner/Observer, American Board of Clinical Neuropsychology

1999-2007 Board of Directors, American Board of Clinical Neuropsychology

1998-1999 Grant Reviewer, Alzheimer's Association National Office

1998-1999 Program Co-Chair, APA Division 40 Annual Scientific Meeting

1994-1999 Study Section Member, Human Development and Aging 2, National Institutes of Health

1996-2002 Member, Board of Directors, Minnesota Dakotas Chapter. Alzheimer's Association

1996-1999 Member, Program Committee, Annual APA Division 40 Scientific Meeting

1995 American Psychological Association Division 40 Scientific Advisory Committee

1994 Ad Hoc Scientific Review, Veteran's Administration

1993 Program Committee, Annual Meeting of International Neuropsychology Society

1992 Sigma Xi

1985-1986 Maude Hammond Fling Fellowship

1981 Phi Beta Kappa

1980 Psi Chi (Psychology Honorary)

1977 David Memorial and Elks Most Valuable Student Scholarships

**EDITORIAL BOARDS**

2005-2011 *Journal of the International Neuropsychology Society*

2001-2011 *Journal of Clinical and Experimental Neuropsychology, Neuropsychology, The Clinical Neuropsychologist*

Ad hoc Reviewer *Archives of Neurology, Journal of American Geriatrics Society, JAMA, Assessment, Alzheimer's Disease and Related Disorders. Psychological Medicine, Neurology*

Memberships International Society to Advance Alzheimers Research and Treatment (Professional Interest Groups on Technology and Nonpharmacological Intervention), International Neuropsychological Society, American Psychological Association, American Academy of Clinical Neuropsychology

**EDUCATIONAL ACTIVITIES****Mayo Graduate School, Mayo Graduate School of Medicine**

## Administrative

2008-2010 Director, Post-doctoral research education programs, Mayo Clinical and Translational Science Activities (CTSA).

2007-2008 Chair Curriculum Committee, Mayo CTSA

2006-2008 Director, Neuropsychology Track, Medical Psychology Post-Doctoral Residency

2004- 2012 Director of Behavioral Sciences Curriculum, Mayo Clinical and Translational Science Activities (CTSA).

2000-2001 Member, Rochester Education Committee

## Teaching

2008-2015 Research mentor, Medical Psychology Post-Doctoral Residency

2005-2015 Instructor CTS5850 (Intro to Behavioral Assessment and CTS5860 (Behavioral Interventions in Clinical Trials) Mayo Graduate School

2004-2015 Faculty- Geriatric Psychiatry Fellowship

1996- Lecturer Medical Psychology and Psychiatry Resident Seminars  
Especially research skills and behavior management in dementia

1994-2015 Faculty Medical Psychology Post-Doctoral Residency

1988-1989 **University of Alabama at Birmingham Psychology Internship and Medical Psychology Graduate Programs**  
Co-instructor neuropsychology seminars for Psychology interns and Medical Psychology graduate students

**ADMINISTRATIVE ACTIVITIES****UNIVERSITY OF FLORIDA**

2016- Associate Direct, Work force development programs CTSI

2015- Chair, Department of Clinical and Health Psychology,

2015- Chair, OneFlorida Alzheimer's Disease Center Internal Advisory Board

**MAYO CLINIC**

## Departmental

2008-2012 Co-Chair, Division of Outpatient Consultation Psychiatry and Psychology

2004-2008 Neuropsychology Section Chair,

2000-2004 Vice Chair for Research, Department of Psychiatry and Psychology

1994-2004 Chair, Departmental Research Committee

## Institutional

2003-2008 Member, General Clinical Research Center Advisory Committee

2000-2008 Director, Research Psychometrics Resource



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**FELLOWSHIP**      **Mayo Clinic Department of Psychiatry and Psychology**  
9/90-8/93      Clinical Neuropsychology-.25 position

**INTERNSHIP**      **Neuropsychiatric Institute, UCLA Center for Health Sciences, Los Angeles**  
7/87-6/88      Neuropsychology - Geropsychology Specialty Track

**EDUCATION**      **University of Nebraska-Lincoln**  
8/83-12/88      Ph.D. APA accredited program in clinical psychology. Concentrations in neuropsychology and rural/community psychology.  
8/77-8/81      Bachelor of Arts Degree, Highest Distinction; Major: Psychology; Minor: Math & Statistics.

### **CONGRESSIONAL BRIEFING**

‘Can We Prevent Dementia: Cutting Edge Research and Education?’ American Psychological Association Organized briefing sponsored by the Office of Senator Tom Harkin, Chair Senate Committee on Health, Education, Labor and Pensions, Washington DC, July 11, 2014.

### **INVITED PRESENTATIONS**

‘Behavioral Interventions to Prevent, Delay or Mitigate Dementia effects’. Continuing Education session, Annual Meeting of the National Academy of Neuropsychology. Austin, TX, November 6, 2015.  
‘Can We Prevention Dementia? Progress and Challenges’, Plenary presentation. Annual Meeting of the American Psychological Association, Toronto, August 7, 2015.  
‘Can We Prevention Dementia?’, International Symposium on Aging, Hong Kong, June 22-26, 2015.  
‘Behavioral Interventions to Prevent, Delay or Mitigate Dementia effects’. Continuing Education session, Annual Meeting of the American Board of Professional Psychology, Mayo 30, 2015, San Diego.  
‘Understanding Behavioral Challenges in Lewy Body Dementia’. Webinar for the National Association of Adult Day Services and the Lewy Body Disease Association. June 17, 2015.  
Primary and Secondary Dementia Prevention. Invited Symposiast. International Congress on Alzheimers Disease (ICAD) July 17, 2011. Paris.  
Neuropsychological approaches for early detection and characterization of AD. Plenary Session of the International Congress on Alzheimers Disease (ICAD) July 13, 2010. Honolulu.  
Clinical Neuropsychology as Translational Science. Division 40 Presidential Address, August, 8, 2008. Toronto.  
“Prevention Models for Dementia”. Invited professor. University of Hong Kong. December 17-December 19, 2007.  
Assessment of Cognitive Function. Plenary Session; World Congress on Aging and Dementia in Chinese Communities. March 7, 2007. Hong Kong.  
Can we prevent dementia? Annual meeting of Wisconsin Alzheimer’s Initiative. November, 9, 2006. Madison, WI.  
How to diagnosis DLB; Fluctuations and Sleep Problems. In McKeith, et al (Organizer) How to diagnosis DLB. International Psychogeriatrics Association, September 20, 2005. Stockholm  
Telemonitoring of Early Dementia Patients. July 17, 2004. Everyday Technologies in Alzheimer's Care Symposium. International Alzheimer's Disease Congress. Philadelphia.  
Neuropsychological Screening for MCI: An Alternative View. February 18, 2004. Second Annual Conference on MCI. Miami.  
APOE, Cognition, and Mild Cognitive Impairment. American Psychological Association. August 23, 2002, Chicago.  
HMRS, Cognitive Function, and APOE in Normal Aging, Mild Cognitive Impairment and Alzheimer’s disease. American Psychological Association, August 25, 2002, Chicago.

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Is MCI Bridging the Gap Between Normal Aging and Alzheimer's Disease. International Congress on Alzheimer's Disease, University of Graz, Graz, Austria., September 28, 2001

Distinguishing normal variability from real cognitive decline: Implications for MCI. Presented at the Longitudinal Studies in Aging and Alzheimer's disease Conference. University of Kentucky, December, 2000, Lexington.

Normative Neuropsychology 101: Listening to MOANS. Invited CE Presented at the annual meeting of the International Neuropsychology Society, February, 1998, Honolulu

A Cognitive Phenotype of Apolipoprotein E Genotype? Presented at the International Neuropsychology Society Annual Meeting, February 6, 1997, Orlando.

Prediction of Dementia Outcomes Using Neuropsychological Measures. Invited address to the Department of Neurology, University of Wisconsin, Madison. December 1, 1995.

Prediction of Course and Outcomes of Dementia Using Neuropsychological Measures. Invited address at the American Psychological Association, Division 40, August 14, 1995, New York.

Evaluating Alzheimer's Research in the Popular Press. Presented at Current Trends in Alzheimer's Disease, March 3, 1995, Jacksonville, FL.

Assessing Cognitive Behavioral and Functional Disturbance in Dementia. Presented at the American Medical Directors Association, March 2, 1995, Orlando, Florida.

Definition, Course and Predictors of Outcome of Mild Cognitive Impairment. Presented at the International Neuropsychology Society Annual Meeting, February 8-11, 1995, Seattle, Washington.

Problems in Estimating the Incidence and prevalence of Alzheimer's Disease. Presented at the annual meeting of the American Association for the Academy of Science, February 11, 1992, Chicago, IL.

## RESEARCH AWARDS

4/17-4/19	Principal Investigator "Physical Exercise and Cognitive Engagement Outcomes for Mild Neurocognitive Disorder (PEACEOFMND) Study" Florida Department of Health, \$450,000.
11/15-10/18	Co-Principal Investigator "Alzheimer's Patient Powered Network, (PPRN-1501-26817). .2 FTE. \$1.2 million. Patient Centered Outcomes Research Institute (PCORI).
7/14-6/17	Principal Investigator 'Comparative Effectiveness of Behavioral Interventions to Prevent or Delay Dementia'-(CER-1306 0189) .2 FTE. \$2.1 million. Patient Centered Outcomes Research Institute (PCORI).
8/13-7/18	Co-Investigator Aerobic Exercise in Alzheimer's Disease: Cognition & Hippocampal Volume Effects (The FIT-AD Trial; AG 043392). .02 \$29,838 National Institute on Aging.
7/12-7/17	Co-Investigator, 'Sexual Specific Risk for Vascular Dysfunction and Cognitive Decline' (AG0703262). .1 FTE (transferred to junior colleague Dr. Julie Fields) Office of Womens' Health, NIH
5/10-11/13	Site Principle Investigator. 'A Multicenter Rehabilitation Intervention for Amnesic Mild Cognitive Impairment.' (NR12419) \$121,722 .10 FTE
7/11-6/16	Co-Investigator . Mayo 'Center for the Clinical and Translational Science' UL1TR 000135 .4FTE, \$ 52.8 million, National Center for Advancement of Translational Science.
8/06-9/07	Principal Investigator. 'Computer-Based Training for Cognitive Enhancement.' Contract with Posit Science. \$90,000. .05 FTE
5/99-9/10	Site Principal Investigator- "Neuropsychology of Dementia with Lewy Bodies." National Institute on Aging (AG15866) \$ 952,818. .15 FTE
10/04-9/09	Co-Investigator "Mayo Multidisciplinary Clinical Research Training Program". National Institutes of Health, \$15,162,643. .10 FTE
5/99-4/14	Principal Investigator - "Information Transfer Core, Mayo Clinic Alzheimer's Disease Research Center." National Institute On Aging (AG16574) \$7,522,000. .10 FTE

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1/06-12/07	Principal Investigator – “Memory Support System for persons with Mild Cognitive Impairment:” Mayo Foundation. \$35,000. 0 FTE
5/03-10/03	Principal Investigator “Residential and Behavioral Outcomes in Mild Cognitive Impairment: A Secondary Data Analysis” Janssen Inc. \$100,000. .15 FTE
6/02-5/04	Principal Investigator-“Televideo assistance for Southern MN seniors living at home” Minnesota Department of Human Services \$213,410. .0 FTE
6/02-5/05	Co-Investigator-“Successful Cognitive Aging in the Community.” Mayo Foundation. INTRPT Grant \$300,000. .05 FTE
10/01-9/03	Co-Investigator-“Morphologic and Neurochemical Correlates of Depression in Alzheimer's Disease”. \$25,000-Subcontract from University of Pittsburgh (MH47346; G . Zubenko-PI ) 0 FTE
10/98-9/03	Co-Investigator- “Traumatic Brain Injury Outcome as a Function of Apolipoprotein E genotype. Project A2 of Mayo Traumatic Brain Injury Model System program.” National Institute of Disability and Rehabilitation Research (H133A980058) . \$1,400,00 . .03 FTE
7/98/-06/01	Principal Investigator- “Long Term Outcome and Patient Satisfaction with Continuation ECT.” 5-O Foundation, \$75,000 0 FTE
1/98-12/98	Principal Investigator-“Telecommunications Assisted Supervision of Early Dementia Patients: A Feasibility Pilot.” Mayo Foundation, \$59,000 0 FTE
1/98-12/98	Principal Investigator-“Neuropsychology of APO-E in Epilepsy Surgery and Traumatic Brain Injury Patients.” Mayo Foundation, \$24,000 0 FTE
2/97-1/04	Co-Investigator - “Continuation ECT vs. Pharmacotherapy: Efficacy and Safety. Multi-Center Study.” National Institute of Mental Health, MH55484-\$1,466,827 .10 FTE
3/96-12/96	Principal Investigator - “Cognex Clinical Trials Among Institutionalized Elderly-Phase 1 Psychometric Properties of Dependent Measures.” Parke-Davis, \$88, 000 .15 FTE
5/95-4/99	Co-Investigator - “Mayo Clinic Alzheimer’s Disease Center.” National Institute On Aging (AG08031) \$4,436,323 .10 FTE
3/94-9/95	Co-principal Investigator - “Effectiveness of Continuation/Maintenance ECT: A Pilot Study.” Mayo Foundation, \$45,000. 0 FTE
9/93-1/99	Principal Investigator: "Patterns of Institutionalization in Dementia Patients." National Institute on Aging: First Independent Research and Transition Award; (AG11638) \$471,105 . .65 FTE
12/92-1/94	Site Principal Investigator for "A Multicenter Evaluation of New Treatment Efficacy Measures for Alzheimer's Disease Clinical Trials." NIA Alzheimer's Disease Cooperative Study Units (AG 10483), \$48,000.
9/92-9/94	Co-principal Investigator "Memory and Aging." Glaxo Pharmaceuticals, Study 1, \$200,000.
6/90-6/92	Co-investigator, "Rochester Olmsted County Study on Aging." Alzheimer's Disease Center Pilot Study, \$40,000.

## BIBLIOGRAPHY

### Full Length, peer-reviewed, original articles (210).

Cuc, A.

Gonzalez Barrios, P, Pabon Gonzalez, R, Hanna, SM, Lunde, AM, Field, JA, Locke, DEC, Smith, GE. (2016) Priority of treatment outcomes for caregivers and patients with mild cognitive impairment: preliminary analyses. *Neurology and Therapy*, 5(2)183-192.

Walton RL, Soto-Ortolaza AI, Murray ME, Lorenzo-Betancor, O, Ogaki, K, Heckman MG, Rayaprolu S, Rademakers R, Ertekin-Taner N, Uitti RJ, van Gerpen J, Wszolek ZK, Smith, GE, Kantarci K, Lowe VJ, Jack Jr. CR, Parisi JE, Savica R, Knopman DS, Petersen RC, Graff-Radford NR, Ferman TJ, Dickson DW, Boeve BF, Ross OA, & Labbé C. (2016) TREM2 P.R47H substitution is not associated with dementia with Lewy bodies. *Neurology Genetics*.

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- Ross OA, Labbé C, Heckman MG, Lorenzo-Betancor, O, Soto-Ortolaza AI, Walton RL, Murray ME, Allen M, Uitti RJ, Wszolek ZK, Smith, GE, Kantarci K, Knopman DS, Lowe VJ, Jack Jr. CR, Ertekin-Taner N, Hassan A, Savica R, Petersen RC, Parisi JE, Maraganore, DM, Graff-Radford NR, Ferman TJ, Boeve BF, Dickson DW, (2016) MAPT haplotype H1G is associated with increased risk of dementia with Lewy bodies. *Alzheimer's & Dementia*.
- Chandler, MJ, Parks A, Marskiske, M, Rottblatt, L, Farrell AM, Smith, GE. (2016). Everyday impact of cognitive interventions in Mild Cognitive Impairment: A systematic review. *Neuropsychology Review*. 26, 225-251.
- Smith, GE (2016). Healthy Cognitive Aging and Dementia Prevention. *American Psychologist*, 71, 268-275.
- Gungor I; Sarro L; Graff-Radford J, Zuk SM; Tosakulwong N, Przybelski SA; Lesnick T, Boeve BF; Ferman TJ, Smith GE, Knopman DS, Filippi M, Petersen RC, Jack CR, Kantarci K. (2015). Frequency and topography of cerebral microbleeds in dementia with Lewy bodies compared to Alzheimer's disease, *Parkinsonism & related disorders*, 21, 9, 1101-1104,
- Nedelska Z; Schwarz CG, Boeve BF, Lowe VJ, Reid RI, Przybelski SA, Lesnick TG, Gunter JL, Senjem, ML, Ferman TJ, (2015). White matter integrity in dementia with Lewy bodies: a voxel-based analysis of diffusion tensor imaging. *Neurobiology of aging*, 36, 6, 2010-2017, ,
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- Graff-Radford J, Boeve BF, Murray ME, Ferman TJ, Tosakulwong N, Lesnick TG, Maroney-Smith M, Senjem ML, Gunter J, Smith GE, Knopman DS, Jack CR Jr, Dickson DW, Petersen RC, Kantarci K. Regional proton magnetic resonance spectroscopy patterns in dementia with Lewy bodies. *Neurobiol Aging*. 2014 Jun; 35(6):1483-90. Epub 2014 Jan 08. PMID:24468473. PMCID:3961495. DOI:10.1016/j.neurobiolaging.2014.01.001.
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